From: Brown, Dorothy

Sent: Tuesday, March 01, 2016 12:48 PM

To: Tingey, Christopher

Subject: RE: NBU #6-W23 Schematic

Two ATIs OS 6458 and OS 6273.085 in Phil's e-Routing box for concurrence.

Dorothy

From: Tingey, Christopher

Sent: Tuesday, March 01, 2016 12:36 PM

To: Brown, Dorothy <Brown.Dorothy@epa.gov>
Cc: Hurlbut, Bill <Hurlbut.William@epa.gov>
Subject: FW: NBU #6-W23 Schematic

Subject. I W. NBO #0-W23 Schen

Dorothy,

Chaparral sent an updated Well Operation & Geologic Data page for their application for OS6273.085. I am forwarding it to you along with a new technical review sheet so the file can be updated. It still passes technical review. Can you update me on the status of the Authorization to Inject for this well please?

Christopher Tingey Environmental Scientist U.S. EPA, Region 6 (6WQ-SG) 1445 Ross Avenue Dallas, TX 75202 214-665-8364

From: Rosalind Karlin [mailto:rosalind.karlin@chaparralenergy.com]

Sent: Monday, February 29, 2016 5:38 PM

To: Tingey, Christopher

Subject: RE: NBU #6-W23 Schematic

Chris,

We have updated the injection interval on the NBU #6-W23 to reflect the production casing set @ 2918'. If you would please, can you accept this geo page before final approval of the permit?

Thanks!

Rosalind

From: Rosalind Karlin

Sent: Thursday, February 25, 2016 7:15 AM

To: Chris Tingey (tingey.christopher@epa.gov)
Subject: RE: NBU #6-W23 Schematic
Chris,

I forgot to add, that since we have found production casing at 2918' instead of 2944' we are re-evaluating our injection zone top. Jeff, our geologist should get back to me sometime this morning.

Thanks,

Rosalind

From: Rosalind Karlin

Sent: Wednesday, February 24, 2016 4:36 PM **To:** Chris Tingey (<u>tingey.christopher@epa.gov</u>)

Subject: NBU #6-W23 Schematic

Chris,

Here is an updated version of the other schematic layout.

Thank you.

From: Tingey, Christopher

Sent: Tuesday, March 01, 2016 12:36 PM

To: Brown, Dorothy
Cc: Hurlbut, Bill

Subject: FW: NBU #6-W23 Schematic

Attachments: Well Operation & Geo Data.pdf; 6273.085.tec.doc

Dorothy,

Chaparral sent an updated Well Operation & Geologic Data page for their application for OS6273.085. I am forwarding it to you along with a new technical review sheet so the file can be updated. It still passes technical review. Can you update me on the status of the Authorization to Inject for this well please?

Christopher Tingey Environmental Scientist U.S. EPA, Region 6 (6WQ-SG) 1445 Ross Avenue Dallas, TX 75202 214-665-8364

From: Rosalind Karlin [mailto:rosalind.karlin@chaparralenergy.com]

Sent: Monday, February 29, 2016 5:38 PM

To: Tingey, Christopher

Subject: RE: NBU #6-W23 Schematic

Chris,

We have updated the injection interval on the NBU #6-W23 to reflect the production casing set @ 2918'. If you would please, can you accept this geo page before final approval of the permit?

Thanks!

Rosalind

From: Rosalind Karlin

Sent: Thursday, February 25, 2016 7:15 AM **To:** Chris Tingey (tingey.christopher@epa.gov)

Subject: RE: NBU #6-W23 Schematic

Chris,

I forgot to add, that since we have found production casing at 2918' instead of 2944' we are re-evaluating our injection zone top. Jeff, our geologist should get back to me sometime this morning.

Thanks,

Rosalind

From: Rosalind Karlin

Sent: Wednesday, February 24, 2016 4:36 PM
To: Chris Tingey (tingey.christopher@epa.gov)
Subject: NBU #6-W23 Schematic

Chris,

Here is an updated version of the other schematic layout.

Thank you.

From: Sent: To: Subject:	Tingey, Christopher Tuesday, March 01, 2016 9:33 AM Rosalind Karlin RE: NBU #6-W23 Schematic	
Yes, I will update the file. Thank y	ou.	
Christopher Tingey Environmental Scientist U.S. EPA, Region 6 (6WQ-SG) 1445 Ross Avenue Dallas, TX 75202 214-665-8364		
From: Rosalind Karlin [mailto:rosa Sent: Monday, February 29, 2016 To: Tingey, Christopher Subject: RE: NBU #6-W23 Schema		
Chris,		
We have updated the injection interval on the NBU #6-W23 to reflect the production casing set @ 2918'. If you would please, can you accept this geo page before final approval of the permit?		
Thanks!		
Rosalind		
From: Rosalind Karlin Sent: Thursday, February 25, 20: To: Chris Tingey (tingey.christoph Subject: RE: NBU #6-W23 Scher	ner@epa.gov)	
Chris,		
_	e found production casing at 2918' instead of 2944' we are re-evaluating our injection ld get back to me sometime this morning.	
Thanks,		

From: Rosalind Karlin

Sent: Wednesday, February 24, 2016 4:36 PM To: Chris Tingey (tingey.christopher@epa.gov)
Subject: NBU #6-W23 Schematic

Chris,

Here is an updated version of the other schematic layout.

Thank you.

From: Sent: To: Subject: Attachments:	Rosalind Karlin <rosalind.karlin@chaparralenergy.com> Monday, February 29, 2016 5:38 PM Tingey, Christopher RE: NBU #6-W23 Schematic Well Operation & Geo Data.pdf</rosalind.karlin@chaparralenergy.com>	
Chris,		
We have updated the injection interval on the NBU #6-W23 to reflect the production casing set @ 2918'. If you would please, can you accept this geo page before final approval of the permit?		
Thanks!		
Rosalind		
From: Rosalind Karlin Sent: Thursday, February 25, 2016 7:15 AM To: Chris Tingey (tingey.christopher@epa.gov) Subject: RE: NBU #6-W23 Schematic		
Chris,		
I forgot to add, that since we have found production casing at 2918' instead of 2944' we are re-evaluating our injection zone top. Jeff, our geologist should get back to me sometime this morning.		
Thanks,		
Rosalind		
From: Rosalind Karlin Sent: Wednesday, February 24, 2016 4:36 PM To: Chris Tingey (tingey.christopher@epa.gov) Subject: NBU #6-W23 Schematic		
Chris,		
Here is an updated version of the other schematic layout.		
Thank you.		
Rosalind		

From: Tingey, Christopher

Sent: Wednesday, February 24, 2016 5:00 PM

To: Rosalind Karlin

Subject: RE: NBU #6-W23 Schematic

Got it and the other email with the three attachments.

Chris

From: Rosalind Karlin [mailto:rosalind.karlin@chaparralenergy.com]

Sent: Wednesday, February 24, 2016 4:55 PM

To: Tingey, Christopher

Subject: NBU #6-W23 Schematic

Chris,

Here is an updated version of the other schematic layout.

Thank you.

From:

Sent: To: Subject: Attachments:	Wednesday, February 24, 2016 4:55 PM Tingey, Christopher NBU #6-W23 Schematic Well Schematic.pdf	
Chris,		
Here is an updated version of the other schematic layout.		
Thank you.		
Rosalind		

Rosalind Karlin <rosalind.karlin@chaparralenergy.com>